

That which is claimed is:

1. A method for calibrating a photocontrol device having at least one flexible mounting leg mounting the photosensor to a circuit board and being electrically coupled to activate a switching device, the method comprising:
 - 5 positioning the photocontrol device proximate a light source;
 - positioning an aperture between the photosensor and the light source; and
 - adjusting an angle between the at least one flexible mounting leg and the circuit board to calibrate a sensitivity of the photocontrol device to light from the light source passing through the aperture.
- 10 2. The method of Claim 1 wherein adjusting an angle comprises bending the at least one flexible mounting leg.
3. The method of Claim 2 wherein the at least one flexible mounting leg
- 15 comprises a first and second wire lead coupling the photosensor to a relay circuit of the photocontrol device.
4. The method of Claim 2 wherein adjusting an angle comprises adjusting a magnitude of misalignment between the photosensor and the aperture to calibrate
- 20 the sensitivity of the photocontrol device.
5. The method of Claim 4 wherein adjusting a magnitude of misalignment comprises increasing the magnitude of misalignment to decrease the sensitivity of the photocontrol device.
- 25 6. The method of Claim 5 wherein the at least one flexible mounting leg comprises a first and second wire lead coupling the photosensor to a relay circuit of the photocontrol device.
- 30 7. The method of Claim 6 wherein the first and second wire lead comprise copper.
8. The method of Claim 4 wherein the photocontrol device is configured for mounting with the photosensor on an upper surface of the circuit board and further

comprises a cover positioned over the upper surface of the circuit board and including a light transmissive window therein defining the aperture and wherein adjusting a magnitude of misalignment comprises bending the at least one flexible mounting leg to increase an angle between the photosensor and the circuit board facing the aperture
5 to reduce the sensitivity of the photocontrol device.

9. The method of Claim 8 wherein the cover includes a tool access opening on a top thereof and wherein positioning an aperture between the photosensor and the light source comprises placing the cover over the upper surface of the circuit
10 board and wherein adjusting a magnitude of misalignment comprises;
inserting an adjusting tool in the opening to contact the photosensor; and
moving the photosensor with the adjusting tool until a desired sensitivity is obtained.

15 10. The method of Claim 9 wherein positioning the photocontrol device proximate a light source further comprises adjusting a light level of the light source to a calibration level and wherein moving the photosensor comprises moving the photosensor until a relay coupled to the photosensor changes state.

20 11. A method for calibrating a photocontrol device including a photosensor positioned to receive light from an aperture, the method comprising:
bending a flexible mounting leg of the photosensor to a selected misalignment relative to the aperture to provide a desired sensitivity of the photocontrol device to light from the aperture.

25 12. A photocontrol device comprising:
a circuit board having a photosensor mounted on an upper surface thereof;
a cover having a light transmissive window therein and wherein the cover is positioned over the upper surface of the circuit board with the light transmissive
30 window positioned adjacent the photosensor; and

wherein the photosensor is mounted on the circuit board by at least one flexible mounting leg that is bent to a selected angle to misalign the photosensor and the light transmissive window to provide a desired sensitivity to light of the photocontrol device.

13. The photocontrol device of Claim 12 further comprising a detection circuit coupled to the photosensor by the at least one flexible mounting leg and wherein the detection circuit electrically couples the photosensor to a detection
5 element of the detection circuit without a calibration resistor therebetween.

14. The photocontrol device of Claim 13 wherein the detection element comprises a comparator.

10 15. The photocontrol device of Claim 12 wherein the photosensor is misaligned toward an upper surface of the cover and away from the circuit board and wherein the cover is configured to present a shadowed region to the photosensor when the photocontrol device is positioned in sunlight.

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